

Practice 2 – Object Functions (Questions)

Task 1: Copy the class called "StockInfo" from "Objects Practice 1" to this ipynb

Task 2: Create an object function called "get_average_price()" in the "StockInfo" class

get_average_price(x) takes in an integer input x. The function returns the average adjusted closing price of the last x trading days.

Task 3: Create a object function called "get_average_daily_change()" in the "StockInfo" class

get_average_daily_change(x) takes in an integer input x. The function returns the average daily change of the last x trading days.

Task 4: Create a object function called "is_stock_beating_market()" in the "StockInfo" class

is_stock_beating_market(x) takes in an integer input x. The function returns true if the stock performed equal to or better than SPY (AKA the ETF for S&P500) in the last x trading days.

Task 5: Print 1) average price, 2) average daily change and 3) check if a stock beat SPY for the last 20 trading day

Do this for the 3 stocks:

The 3 stocks are:

1. Tesla (TSLA)
2. Square (SQ)
3. Spotify (SPOT)